

Specification Details:

Date: 11/24/2008

Specification: MIL-P-50884
 Title: Printed Wiring, Flexible and Rigid-Flex
 Federal Supply Class (FSC): 5998
 Conventional: Yes
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: No
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
 Weibull Graded: No
 Specification contains space level reliability requirements: No
 Specification allows test optimization: No

Contact Information:

DSCC Office of Primary Involvement: Electronic Devices Team, DSCC-VQE
 Primary DSCC-VQ Contact: 614-692-0627, e-mail: vqe.ls@dla.mil
 Secondary DSCC-VQ Contact: 614-692-0631, e-mail: vqe.bw@dla.mil

Notes:

Effective 28 February 1999, MIL-P-50884 has been declared "Inactive for New Design". For new design, use MIL-PRF-31032. This is applicable on all acquisitions to which MIL-P-50884 is applied.

Extent of Qualification Paragraph 4.5.3 of MIL-P-50884 extends qualification for a particular type to cover all conductor patterns of that type produced. Qualification of type 4 products shall be extended to cover all other types. Qualification of type 3 products shall be extended to cover types 2 and 1. Qualification of type 2 products shall be extended to cover type 1. Qualification of types 1 and 5 shall apply only to that type. Qualification of any type shall be extended to cover the approved type with a stiffener or solder mask.

a. The last six digits of the Qualification Reference Number (QRN) is the qualification expiration date in "mmddyy" format (e.g., 50884-1234-042211 expires on April 22, 2011).

b. An asterisk (*) adjacent to the QRN denotes the product was tested for and meets the etchback requirements.

c. An exclamation (!) adjacent to the QRN denotes qualification through Appendix B of MIL-P-50884. There is no qualification expiration date. See QML-31032 for detailed information about this company's capabilities.

d. A pound sign (#) adjacent to the QRN denotes that the qualification vehicle was built using foil lamination technology. The specimen was tested for and meets peel strength requirements.

e. Adhesiveless products tested and manufactured with metal-clad dielectric are covered under slash sheet(s) other than /1 through /4 of IPC-4204.

Part Configuration:

Listed by classification type and either adhesive or adhesiveless construction.

Part Listings:

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
TYPE 2 ADHESIVELESS		TYPE 4 ADHESIVELESS	
All Flex, Inc.	50884-1314-091908	Eltek, Ltd.	50884-IL002-110709
Cirexx International, Inc.	55110-31032!#	Flexible Circuits, Inc.	50884-1746-112909*
TYPE 2 WITH ADHESIVES		FTG Circuits, Inc.	50884-1315-112908*
All Flex, Inc.	50884-1317-091908	GPV Printca A/S	50884-D1425-070108
Cirexx International, Inc.	55110-31032!#	Graphic Plc	50884-U030-012309
TYPE 4 ADHESIVELESS		Graphic Research, Inc.	50884-1797-112009*
Accurate Engineering Corp.	50884-2071-031411*#	Hamby Corporation	50884-31032!#
Amphenol Printed Circuits	50884-1871-032010*#	Hans Brockstedt GmbH	50884-31032!*
Basic Electronics, Inc.	50884-1726-061309*	Johns Hopkins University	50884-1733-021410
CIMULEC	50884-F1653-122109	KCA Electronics, Inc.	50884-1777-112809*
Cirtech, Inc.	50884-2141-090811*	Lenthor Engineering, Inc.	50884-2083-051311*
Coretec-Cleveland	50884-31032!*	Lockheed Martin Systems Integration	50884-31032!*
Cosmotronic	50884-31032!*	Melta, Ltd.	50884-IL02-092610
Dynaco Corp	50884-31032*#	Molex, Inc.	50884-1734-060810*

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
TYPE 4 ADHESIVELESS			
North Texas Circuit Board	50884-1645-010310*		
PCB Technologies	50884-IL002-082709*		
Pioneer Circuits, Inc.	50884-1821-022110*		
Printed Circuits, Inc.	50884-31032!*		
Ruwel-Werke/Werk Schoeller	50884-Z1510-051909		
Sanmina-SCI, Costa Mesa	50884-31032!#		
Sovereign Circuits, Inc.	50884-31032!*		
Speedy Circuits	50884-50884-31032!*#		
Teledyne Printed Circuit Technology	50884-1591-031409*		
Time Sensitive Circuits	50884-31032!* (Class A Only)		
TTM Technologies (Santa Clara, CA)	50884-31032!*		
TTM Technologies (Stafford, CT)	50884-31032!*		
TYPE 4 WITH ADHESIVES			
Amphenol Printed Circuits	50884-1427-120708*#		
Basic Electronics, Inc.	50884-1725-061309*		
Colonial Circuits, Inc.	50884-31032!*		
Coretec-Cleveland	50884-31032!*		
Cosmotronic	50884-31032!*		
Dynaco Corp	50884-31032*#		
Flexible Circuits, Inc.	50884-2157-040211*		
Graphic Research, Inc.	50884-2169-051611*		
Hamby Corporation	50884-31032!*#		
Hans Brockstedt GmbH	50884-31032!*		
Johns Hopkins University	50884-1733-021410		
Lockheed Martin Systems Integration	50884-31032!*		
Pioneer Circuits, Inc.	50884-1820-022110*		
Printed Circuits, Inc.	50884-31032!*		
Ruwel-Werke/Werk Schoeller	50884-Z1510-051909		
Sovereign Circuits, Inc.	50884-31032!*		
Strataflex Corp.	50884-31032!*		
Teledyne Printed Circuit Technology	50884-1572-022209*		
TTM Technologies (Santa Clara, CA)	50884-31032!*		
TTM Technologies (Stafford, CT)	50884-31032!*		
Vulcan Flex Circuit Group	50884-2288-082811*		
TYPES 1 & 5 ONLY WITH ADHESIVES			
LaBarge Electronics, Inc.	50884-1766-120609		

Manufacturer and Supplier Location Information

Manufacturer: Accurate Engineering Corp. (CAGE Code: 1W538)

Location: 8710 Telfair Avenue, Sun Valley, CA 91352, US

Plant Location: Same Address as Manufacturer

Manufacturer: All Flex, Inc. (CAGE Code: 0ZGB2)

Location: All Flex Acquisitions LLC dba All Flex, Inc., 1705 Cannon Lane, Northfield, MN 55057, US

Plant Location: Same Address as Manufacturer

Manufacturer: Amphenol Printed Circuits (CAGE Code: 57034)

Location: 91 Northeastern Boulevard, Nashua, NH 03062, US

Plant Location: Same Address as Manufacturer

Manufacturer: Basic Electronics, Inc. (CAGE Code: 57357)

Location: 11371 Monarch Street, Garden Grove, CA 92841, US

Plant Location: Same Address as Manufacturer

Manufacturer: CIMULEC (CAGE Code: 0YWU1)

Location: Zone Industrielle Les Jonquires, F-57365 Ennery, France

Plant Location: Same Address as Manufacturer

Manufacturer: Cirexx International, Inc. (CAGE Code: 4MEG7)

Location: 791 Nuttman Street, Santa Clara, CA 95054, US

Plant Location: Same Address as Manufacturer

Manufacturer: Cirtech, Inc. (CAGE Code: 8K616)

Location: 250 East Emerson Avenue, Orange, CA 92665, US

Plant Location: Same Address as Manufacturer

Manufacturer: Colonial Circuits, Inc. (CAGE Code: 6T499)

Location: 1026 Warrenton Road, Fredericksburg, VA 22406-6200, US

Plant Location: Same Address as Manufacturer

Manufacturer: Coretec-Cleveland (CAGE Code: 7Z463)

Location: 7 Ascot Parkway, Cuyahoga Falls, OH 44223, US

Plant Location: Same Address as Manufacturer

Manufacturer: Cosmotronic (CAGE Code: 63695)

Location: 16721 Noyes Avenue, Irvine, CA 92606-5176, US

Plant Location: Same Address as Manufacturer

Manufacturer: Dynaco Corp (CAGE Code: 61642)

Location: 1000 South Priest Drive, Tempe, AZ 85281-5238, US

Plant Location: Same Address as Manufacturer

Manufacturer: Eltek, Ltd. (CAGE Code: S4451)

Location: P.O. Box 159, Sgoola Industrial Park, 49101 Petach - Tikva, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: Flexible Circuits, Inc. (CAGE Code: 22928)

Location: 222 Valley Road, Warrington, PA 18976-2580, US

Plant Location: Same Address as Manufacturer

Manufacturer: FTG Circuits, Inc. (CAGE Code: 30803)

Location: 20750 Marilla Street, Chatsworth, CA 91311, US

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: GPV Printca A/S (CAGE Code: R2180)

Location: Svendborgvej 3, 9220 Aalborg Oest, Denmark

Plant Location: Same Address as Manufacturer

Manufacturer: Graphic Plc (CAGE Code: U4538)

Location: Lords Meadow Industrial Estate, Crediton, Devon, EX17 1HN, UK

Plant Location: Same Address as Manufacturer

Manufacturer: Graphic Research, Inc. (CAGE Code: 5K529)

Location: 9334 Mason Avenue, Chatsworth, CA 91311-5201, US

Plant Location: Same Address as Manufacturer

Manufacturer: Hamby Corporation (CAGE Code: 07284)

Location: 27704 Avenue Scott, Valencia, CA 91355-1218, US

Plant Location: Same Address as Manufacturer

Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)

Location: Lieterplattenschnelldienst, Clara-Immerwahr-Strabe 7, 24145 Kiel, Germany

Plant Location: Same Address as Manufacturer

Manufacturer: Johns Hopkins University (CAGE Code: 88898)

Location: Applied Physics Laboratory (APL), 11100 Johns Hopkins Road, Laurel, MD 20723-6099, US

Plant Location: Same Address as Manufacturer

Manufacturer: KCA Electronics, Inc. (CAGE Code: 1VUH8)

Location: 223 N. Crescent Way, Anaheim, CA 92801, US

Plant Location: Same Address as Manufacturer

Manufacturer: LaBarge Electronics, Inc. (CAGE Code: 16275)

Location: 1505 Maiden Lane, Joplin, MO 64802, US

Plant Location: Same Address as Manufacturer

Manufacturer: Lenthor Engineering, Inc. (CAGE Code: 09ZX2)

Location: 1506 Gladding Court, Milpitas, CA 95035-6814, US

Plant Location: Same Address as Manufacturer

Manufacturer: Lockheed Martin Systems Integration (CAGE Code: 03640)

Location: 1801 State Route 17C, Owego, NY 13827, US

Plant Location: Same Address as Manufacturer

Manufacturer: Melta, Ltd. (CAGE Code: S8986)

Location: P.O. Box 609, 3 Haul Street, Nazareth, Illit 17000, Israel

Plant Location: Same Address as Manufacturer

Manufacturer: Molex, Inc. (CAGE Code: 58852)

Location: 155 Eaton Avenue, St. Paul, MN 55107-1602, US

Plant Location: Same Address as Manufacturer

Manufacturer: North Texas Circuit Board (CAGE Code: 5S424)

Location: 1501 W. Shady Grove Road, Grand Prairie, TX 75050, US

Plant Location: Same Address as Manufacturer

Manufacturer: PCB Technologies (CAGE Code: S5725)

Location: P.O. Box 631, Migdal Haemek, 10556, Israel

Plant Location: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Pioneer Circuits, Inc. (CAGE Code: 65723)

Location: 3000 S. Shannon Street, Santa Ana, CA 92704, US

Plant Location: Same Address as Manufacturer

Manufacturer: Printed Circuits, Inc. (CAGE Code: 65114)

Location: 1200 West 96th Street, Bloomington, MN 55431-2606, US

Plant Location: Same Address as Manufacturer

Manufacturer: Ruwel-Werke/Werk Schoeller (CAGE Code: C2877)

Location: Marburger Strasse 65, D-35083 Wetter/Hassen, Germany

Plant Location: Same Address as Manufacturer

Manufacturer: Sanmina-SCI, Costa Mesa (CAGE Code: 3BKL5)

Location: 2945 Airway Avenue, Costa Mesa, CA 92626, US

Plant Location: Same Address as Manufacturer

Manufacturer: Sovereign Circuits, Inc. (CAGE Code: 0GN71)

Location: P.O. Box 216, 12080 DeBartolo Drive, North Jackson, OH 44451, US

Plant Location: Same Address as Manufacturer

Manufacturer: Speedy Circuits (CAGE Code: 66982)

Location: 5331 McFadden Avenue, Huntington Beach, CA 92649-1204, US

Plant Location: Same Address as Manufacturer

Manufacturer: Strataflex Corp. (CAGE Code: 65337)

Location: 11 Dohne Avenue, Toronto, M4B 1Y7, Ontario, Canada

Plant Location: Same Address as Manufacturer

Manufacturer: Teledyne Printed Circuit Technology (CAGE Code: 22958)

Location: 110 Lowell Road, Hudson, NH 03051, US

Plant Location: Same Address as Manufacturer

Manufacturer: Time Sensitive Circuits (CAGE Code: 0BX48)

Location: 2 Industrial Way, Amesbury, MA 01913, US

Plant Location: Same Address as Manufacturer

Manufacturer: TTM Technologies (Santa Clara, CA) (CAGE Code: 65916)

Location: Santa Clara Division, 400 Mathew Street, Santa Clara, CA 95050, US

Plant Location: Same Address as Manufacturer

Manufacturer: TTM Technologies (Stafford, CT) (CAGE Code: 5L706)

Location: Stafford Division, P.O. Box 145, 4 Old Monson Road, Stafford, CT 06075, US

Plant Location: Same Address as Manufacturer

Manufacturer: Vulcan Flex Circuit Group (CAGE Code: 4CHZ1)

Location: 2 Industrial Drive, Hudson, NH 03051-3913, US

Plant Location: Same Address as Manufacturer